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LEE (43) **Pub. Date: Feb. 2, 2017**(54) **METHOD OF OPERATING  
OBJECT-ORIENTED DATA STORAGE  
DEVICE AND METHOD OF OPERATING  
SYSTEM INCLUDING THE SAME**(71) Applicant: **SAMSUNG ELECTRONICS CO.,  
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LTD.**, Suwon-si (KR)(21) Appl. No.: **15/204,369**(22) Filed: **Jul. 7, 2016**(30) **Foreign Application Priority Data**

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**3/067** (2013.01)(57) **ABSTRACT**

A method of operating a data storage device, which is connected with a host and includes a memory device and a controller, is provided. The method includes receiving, by the controller, a first instance in object-oriented programming language, which corresponds to a write command output from the host; transforming, by the controller, the first instance into first object data; and programming, by the controller, the first object data to the memory device.

